

FIG. 1

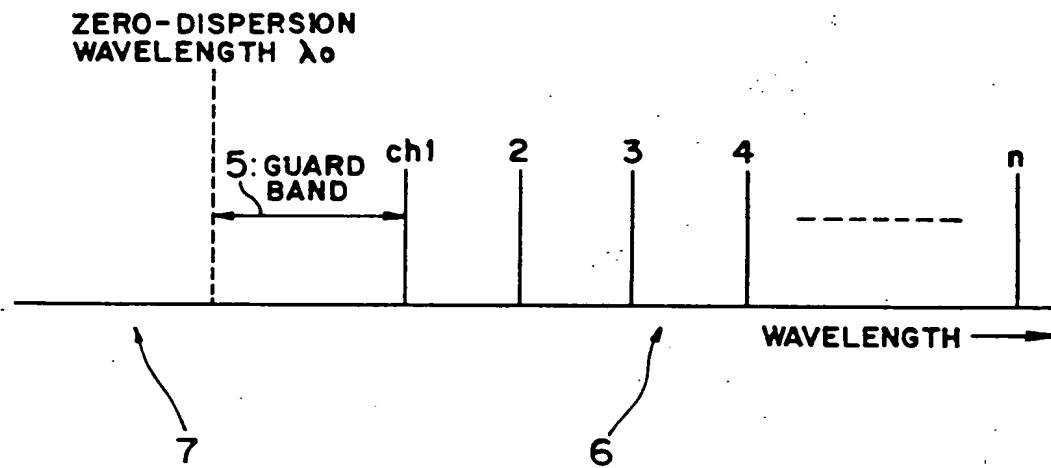


FIG. 2

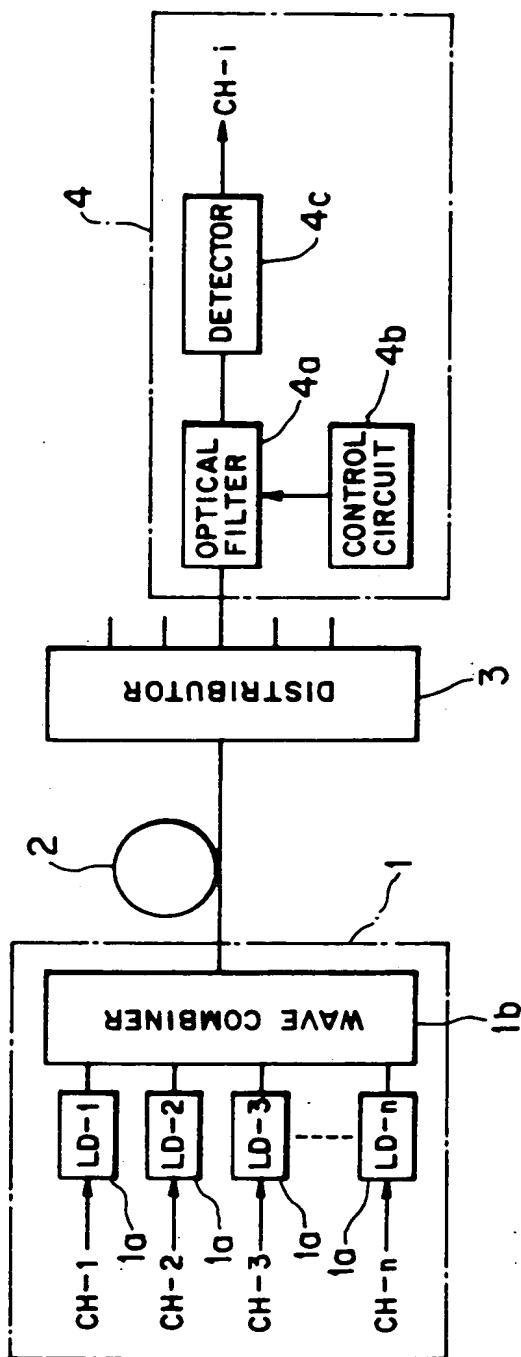


FIG. 3

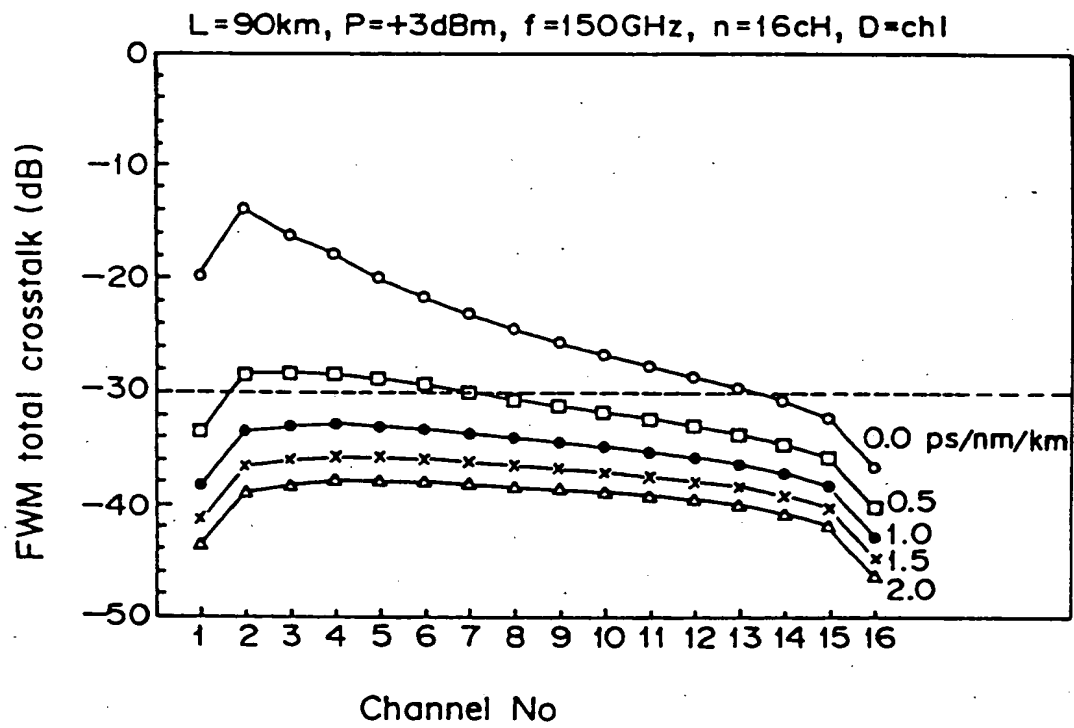
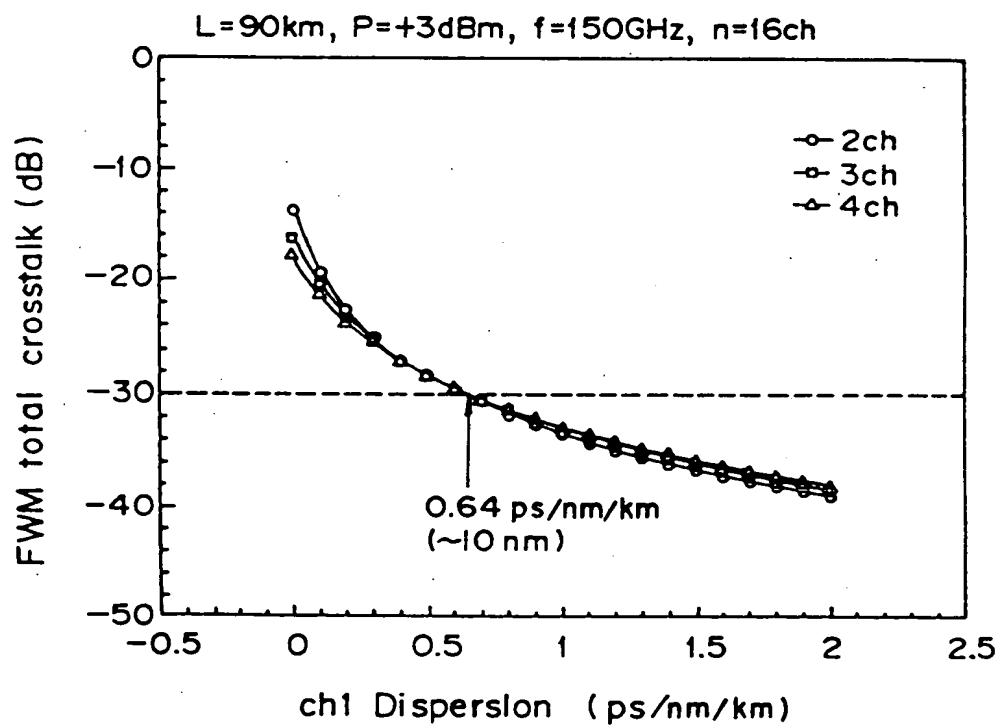
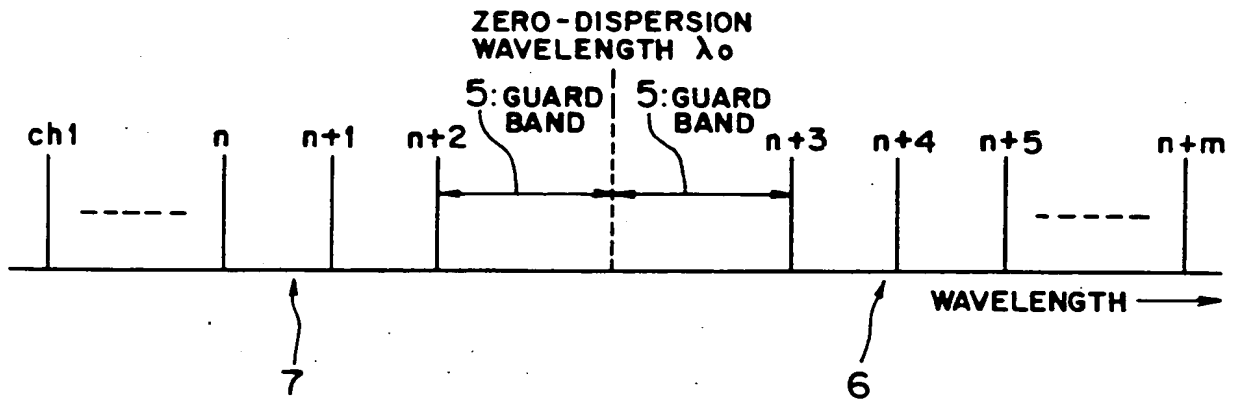


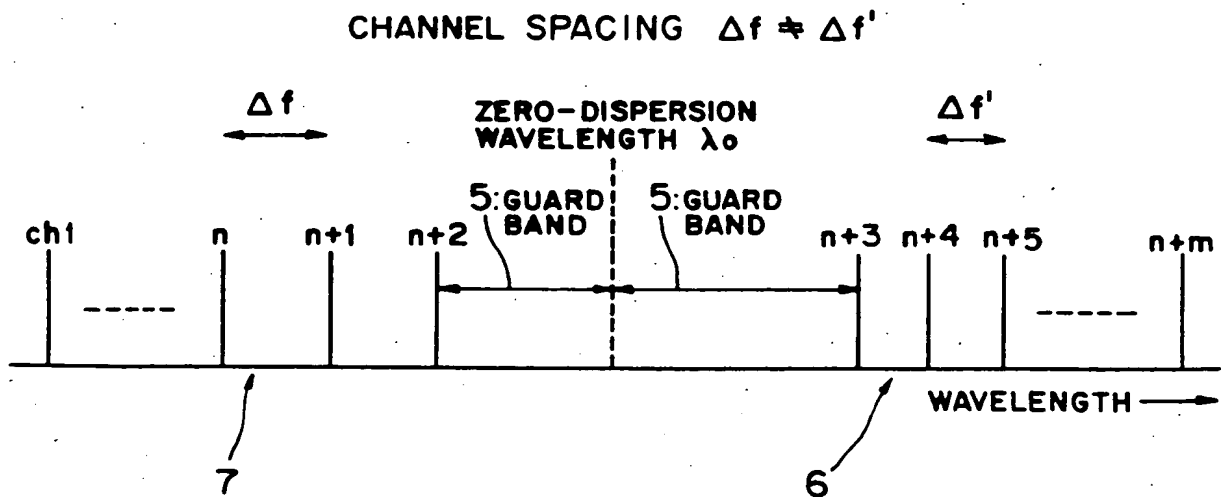
FIG. 4



# FIG. 5



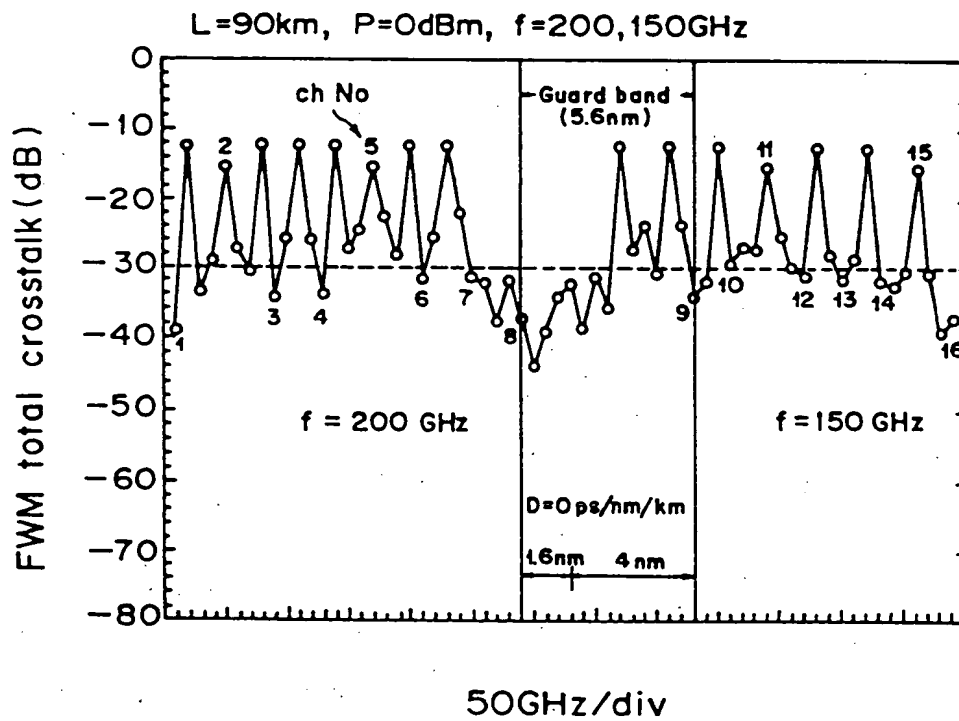
# FIG. 6



200750-60608060

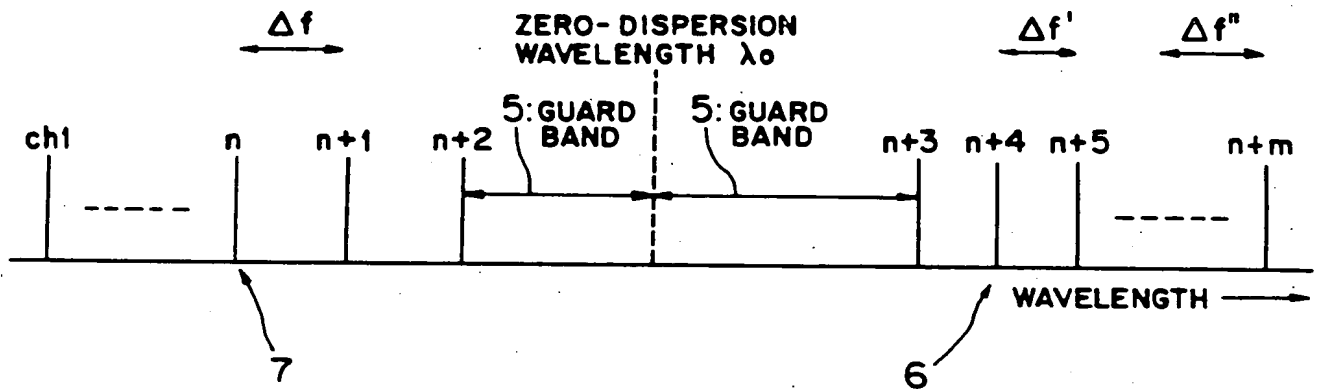
666750-60603060

FIG. 7



# FIG. 8

CHANNEL SPACING  $\Delta f = A \cdot X$  (A, B, C: INTEGERS  
X: CONSTANT)  
 $\Delta f' = B \cdot X$   
 $\Delta f'' = C \cdot X$



# FIG. 9

WHERE OPTICAL FREQUENCY OF  $ch_1 = f$ , SIGNAL LIGHT WAVES ARE SET SO AS TO SATISFY OPTICAL FREQUENCY OF  $ch_j = f \pm A \cdot X$  (A: INTEGER, X: CONSTANT)

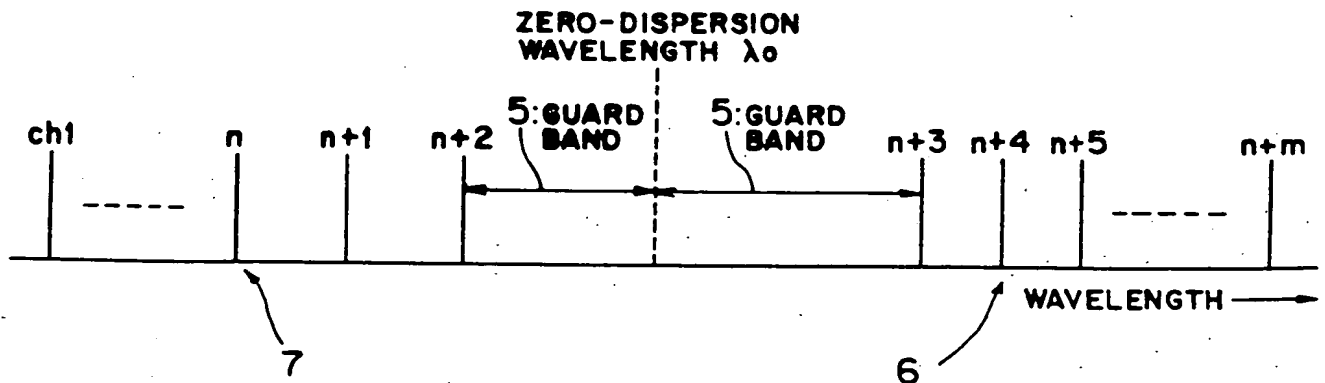
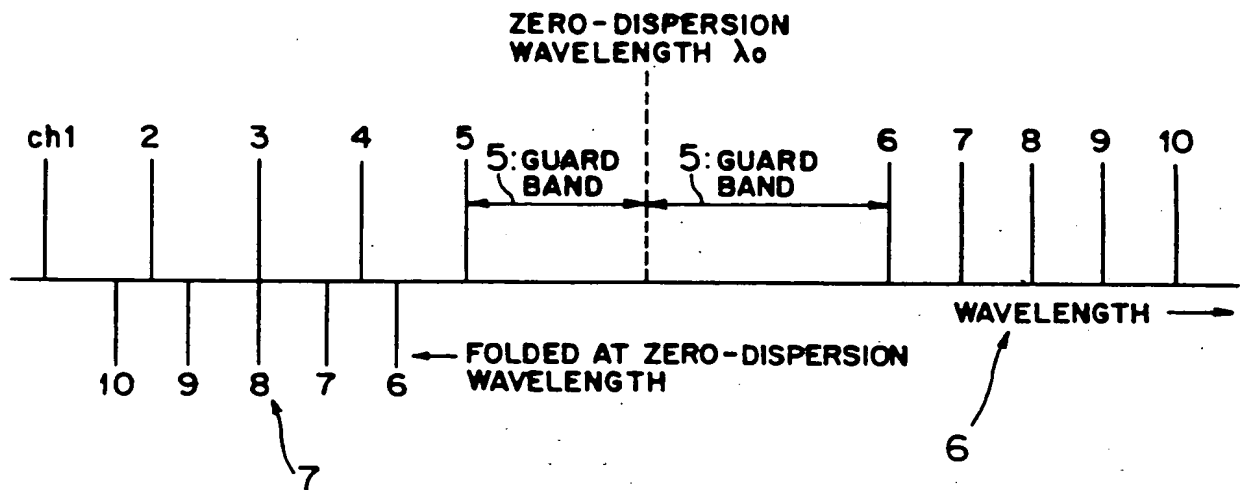


FIG. 10



666750-60608060



# FIG. 11

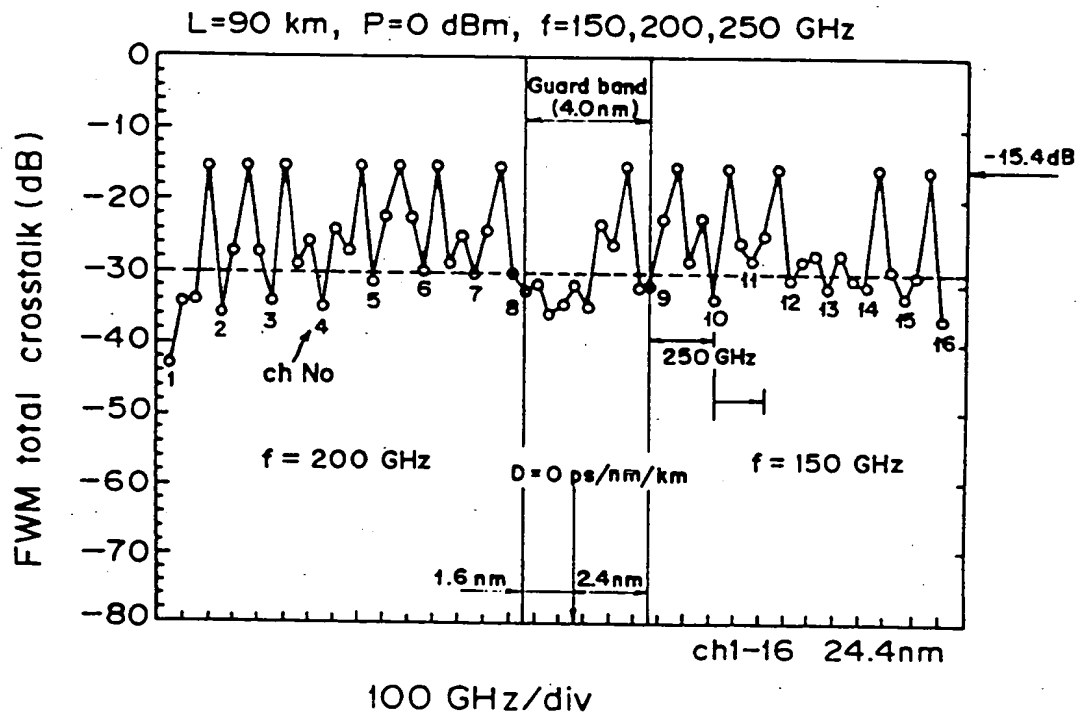


FIG. 12

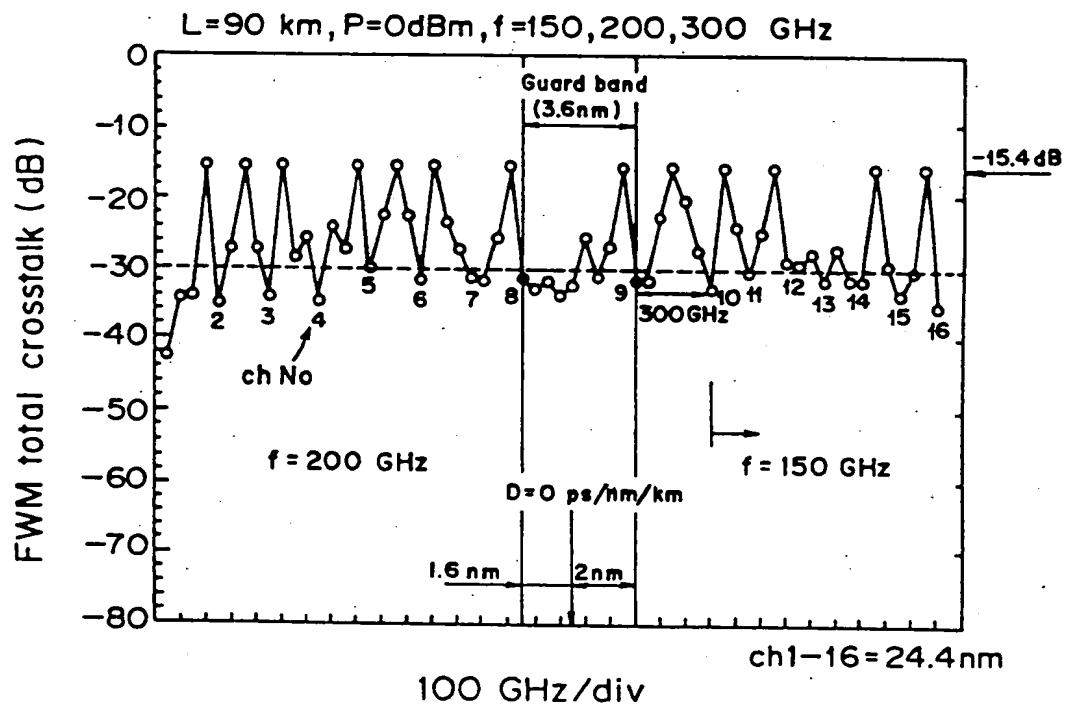


FIG. 13

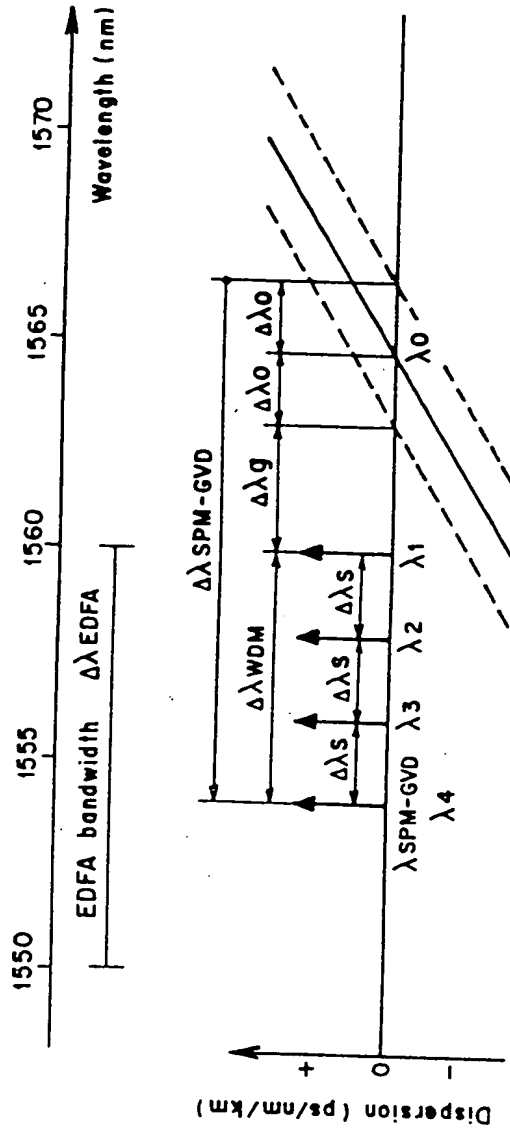
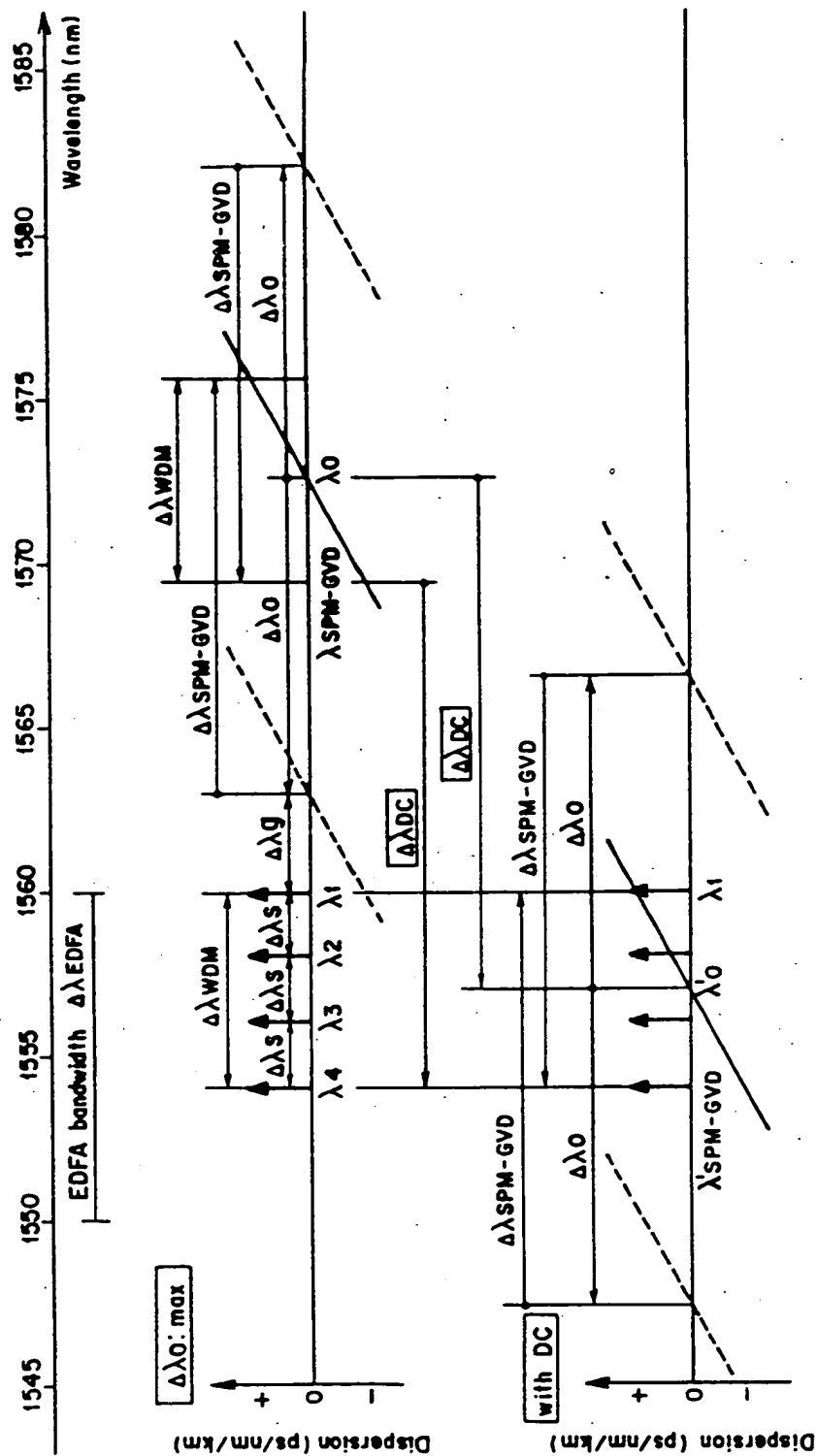
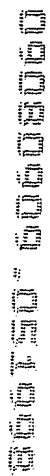
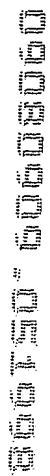


FIG.14



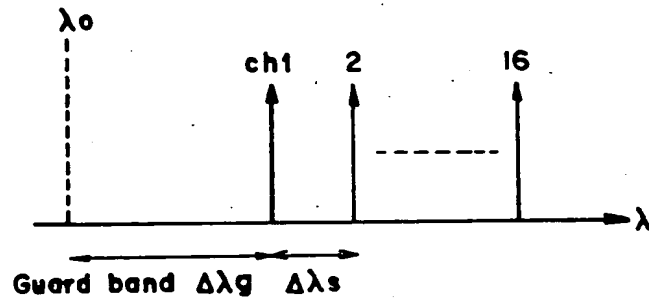
[illegible]

**00000000000000000000000000000000**

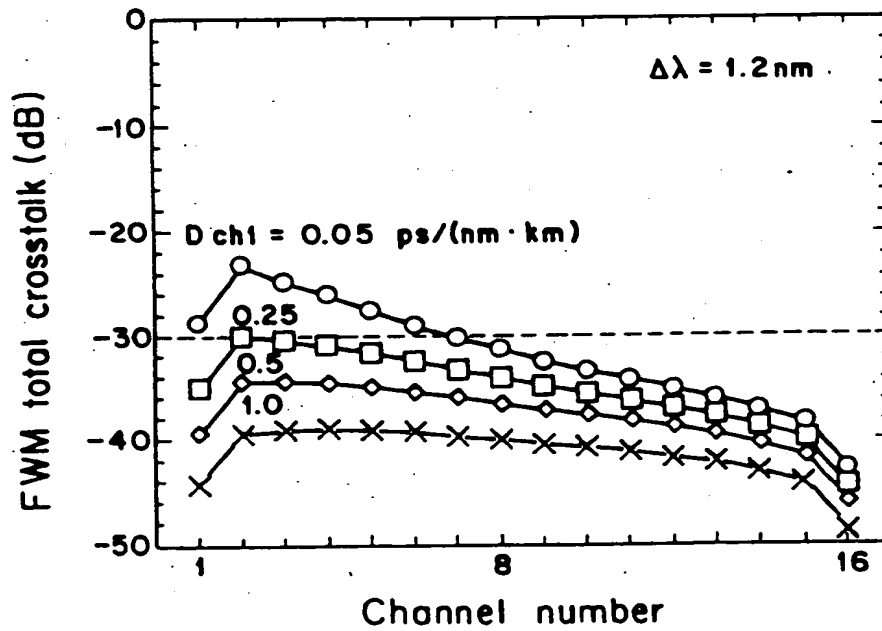


# FIG. 17

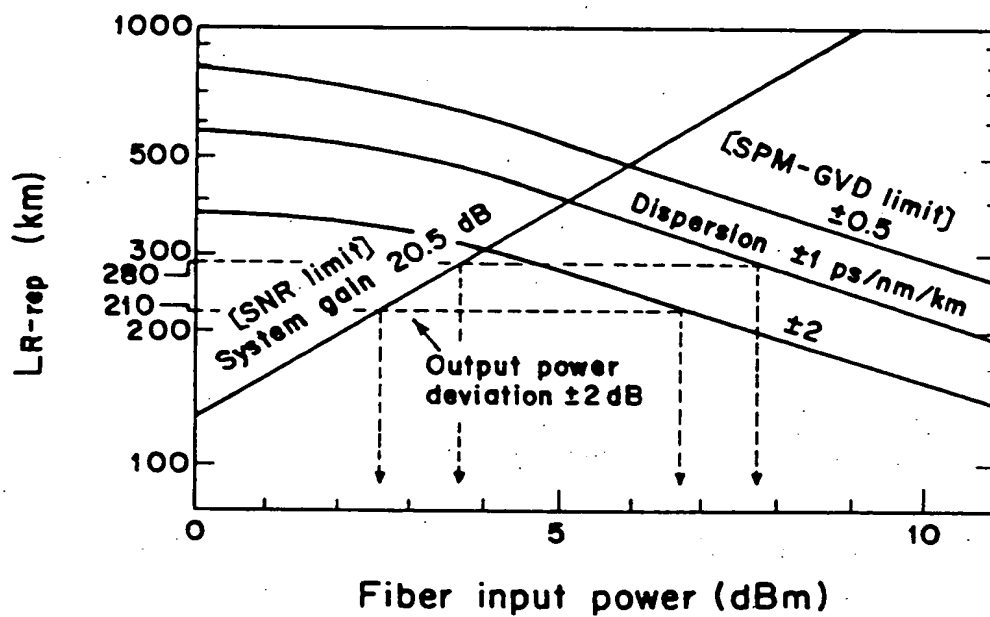
ZERO-DISPERSION  
WAVELENGTH OF OPTICAL FIBER



# FIG. 18



# FIG. 19



10 Gb/s  
 $L_{in-line} = 70$  km  
 Pre-chirping  $\alpha = \pm 1$   
 $NF = 8$  dB

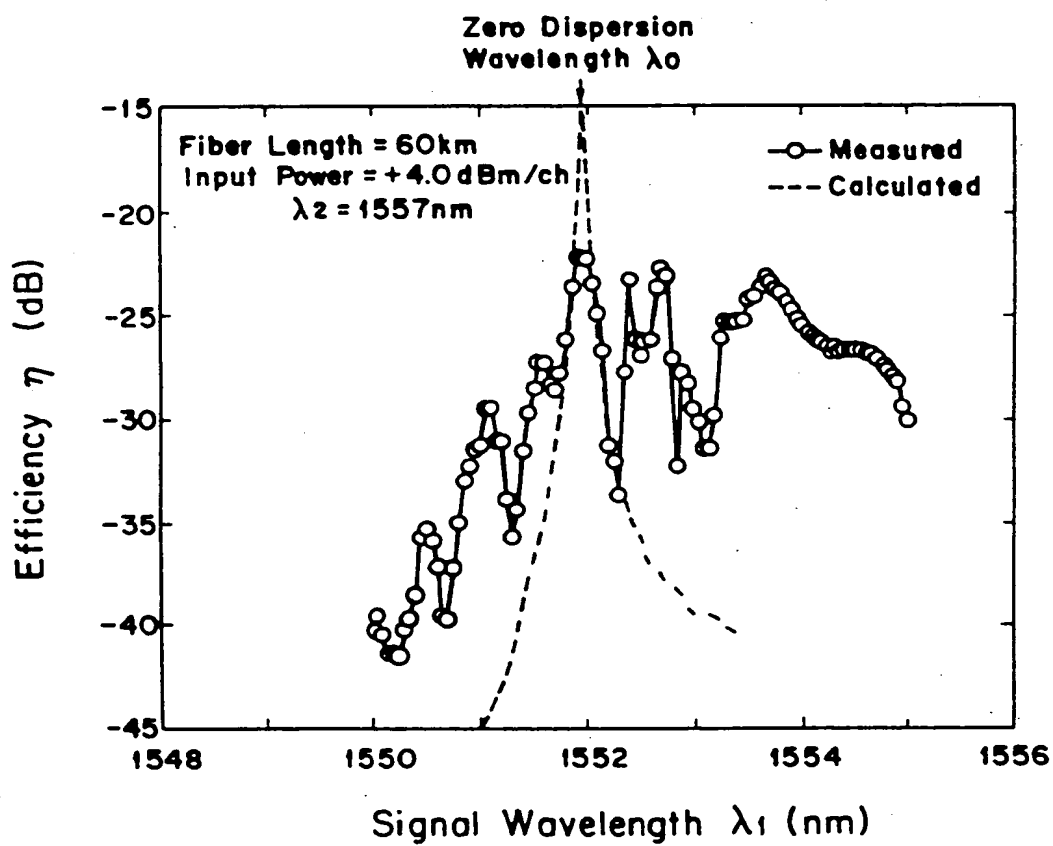
[illegible]



FIG. 21

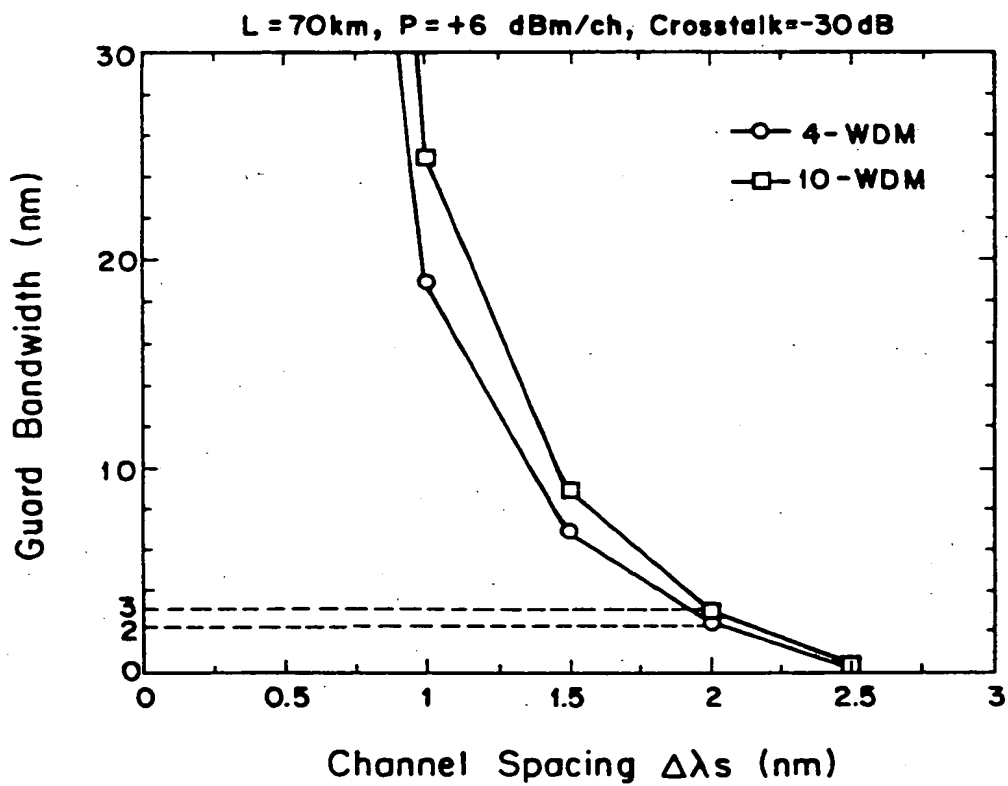


FIG. 22

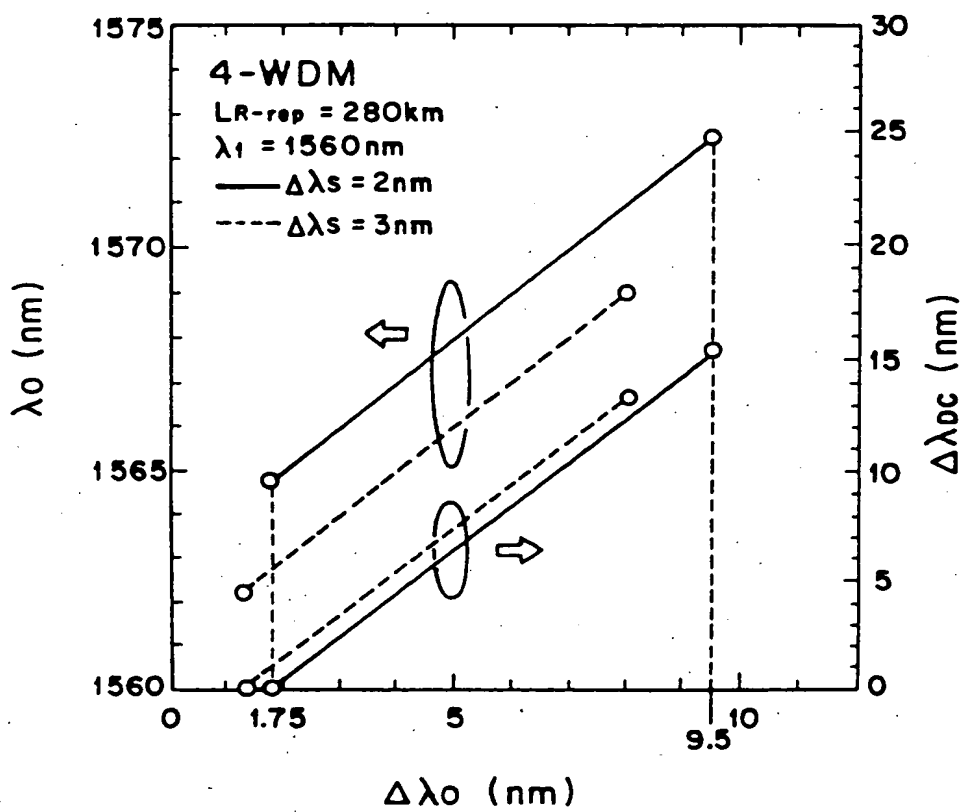


FIG. 23

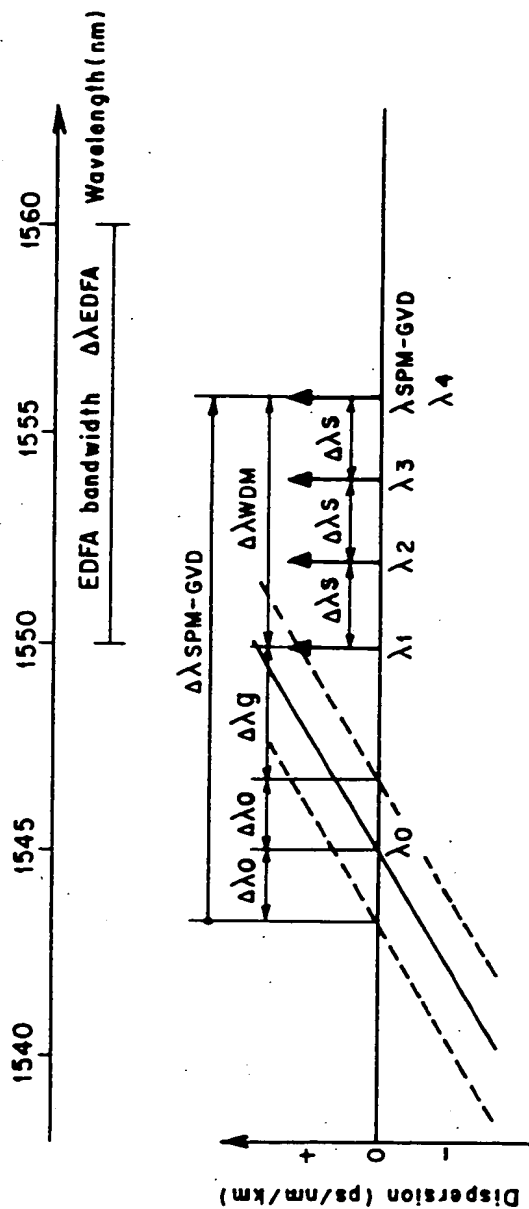




FIG. 25

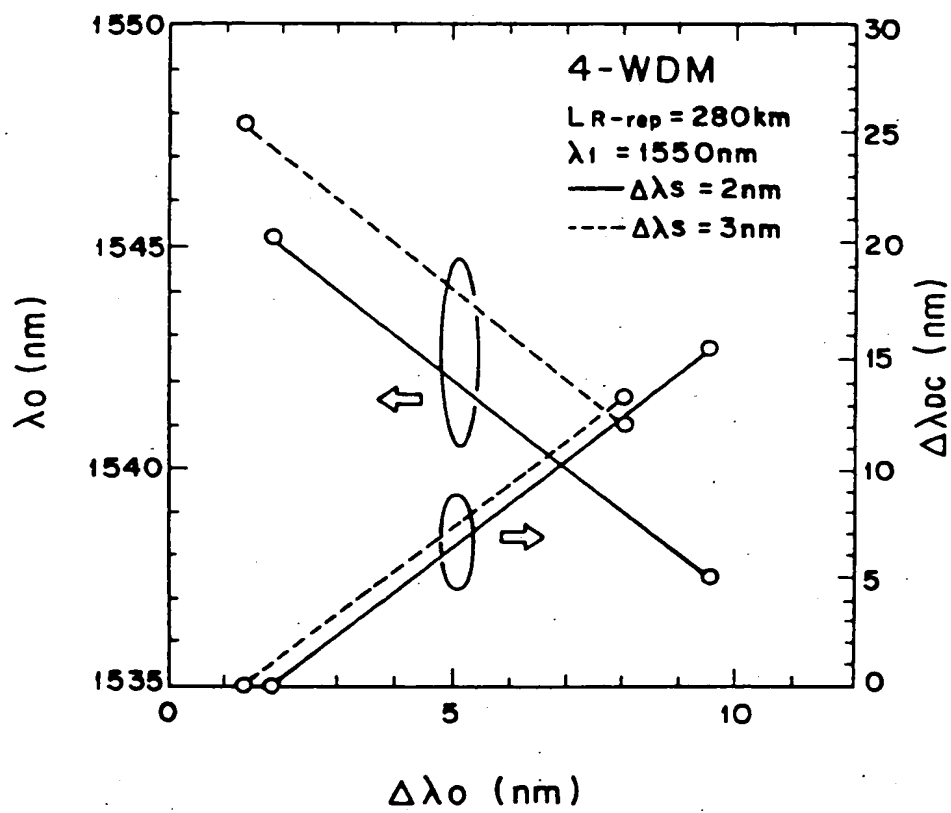


FIG. 26

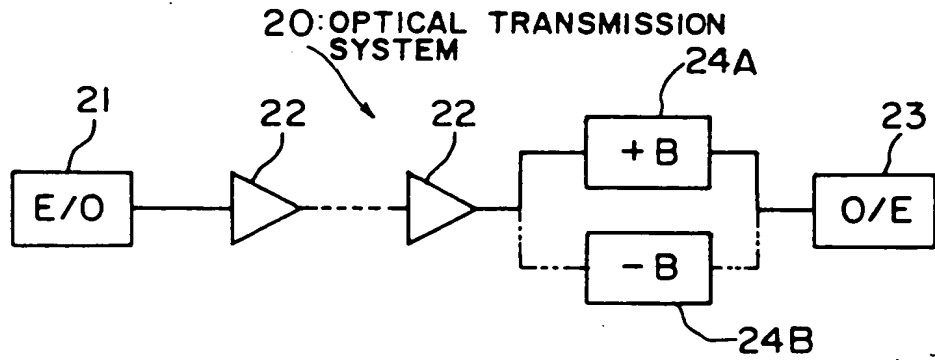


FIG. 27

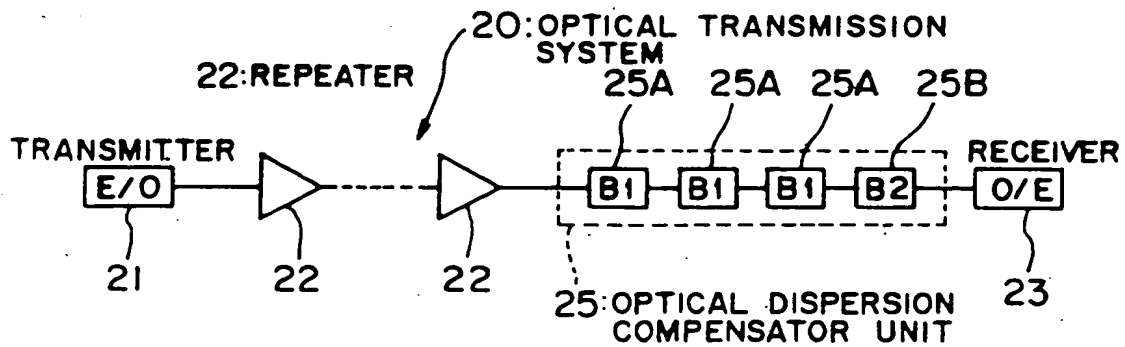


FIG. 28

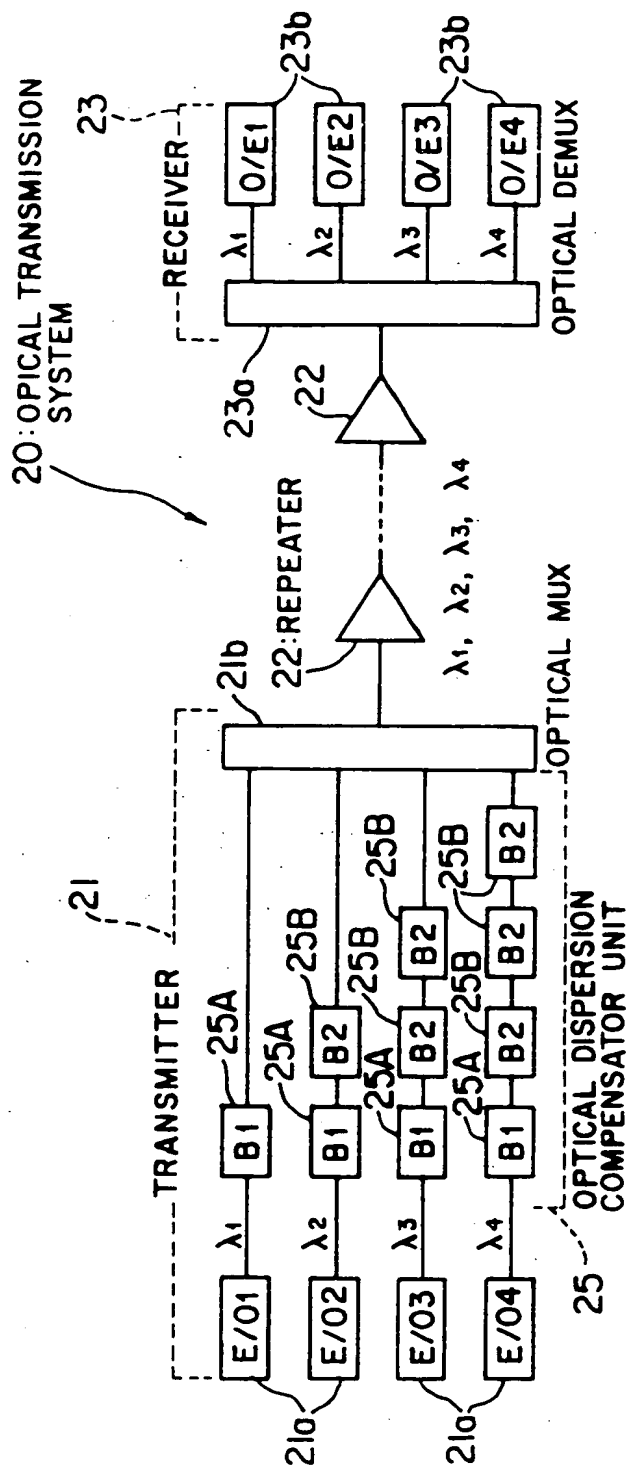


FIG. 29

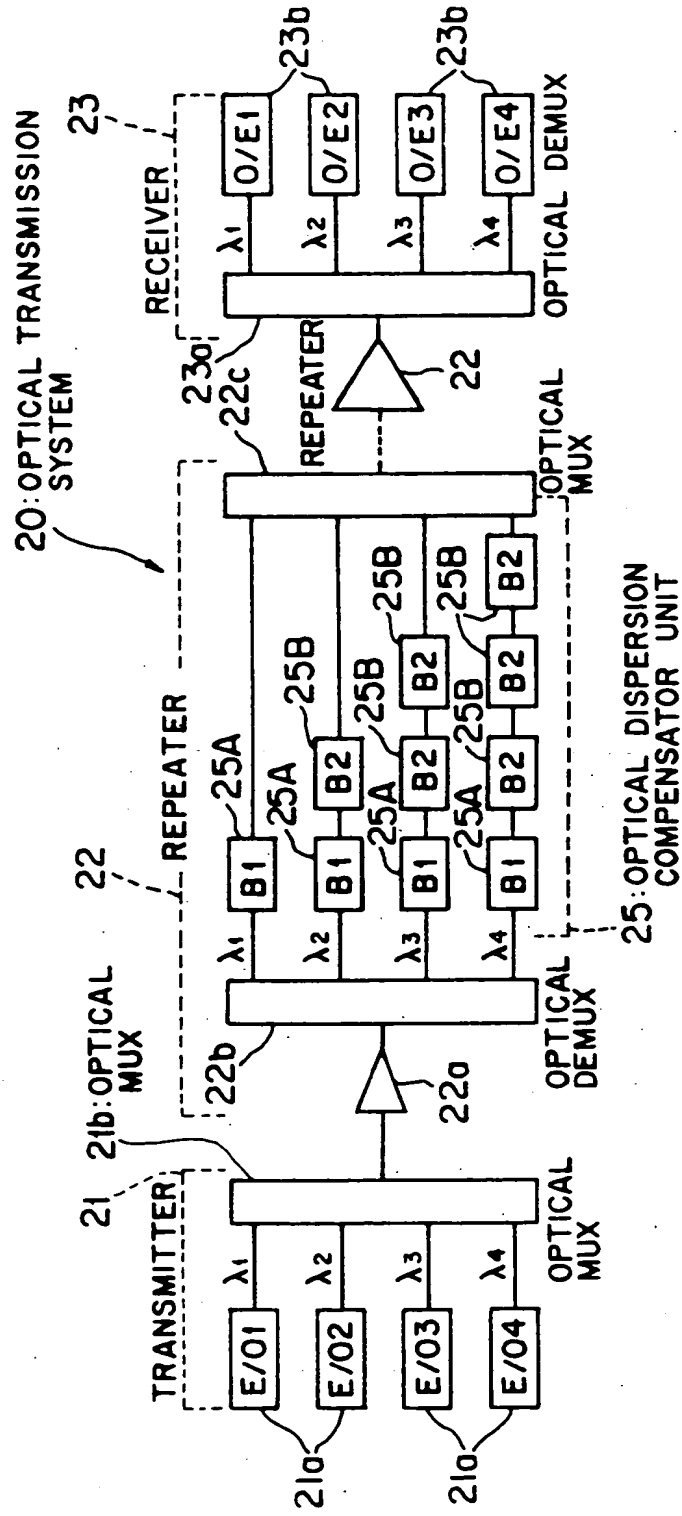




FIG. 30

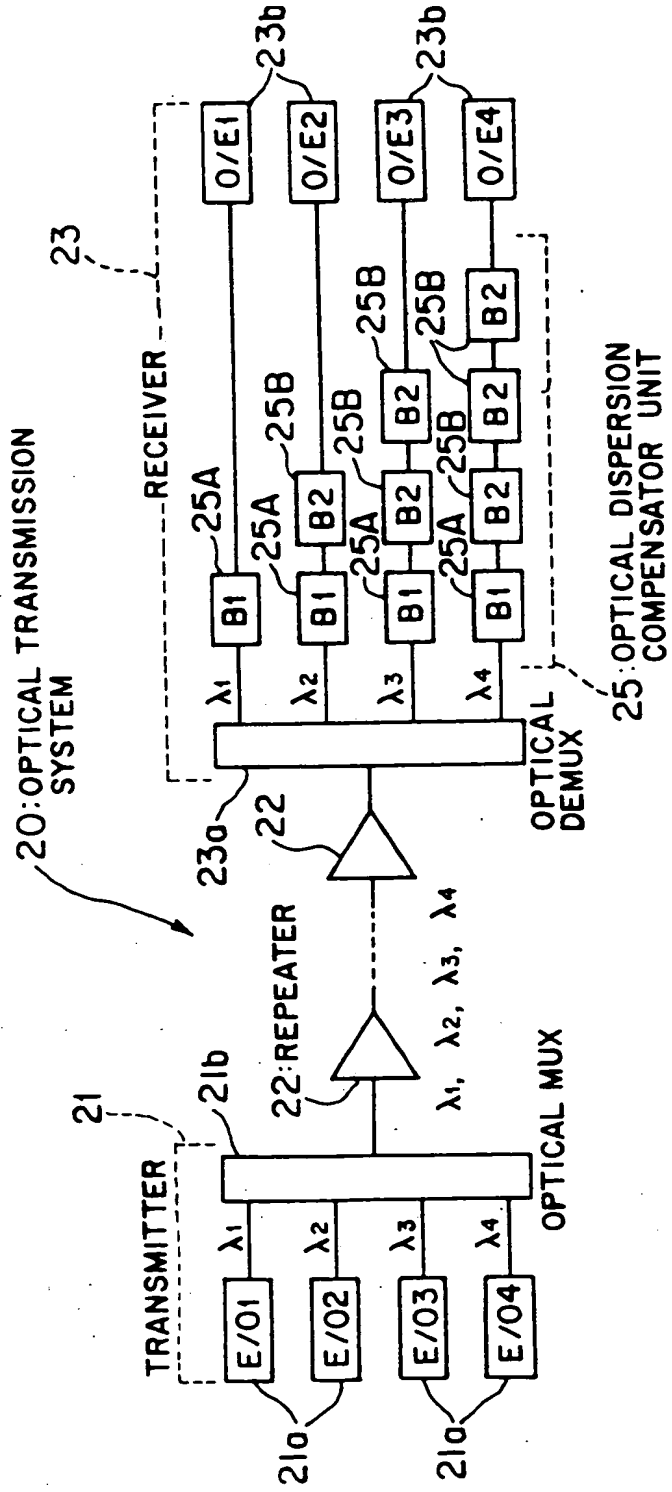


FIG. 31

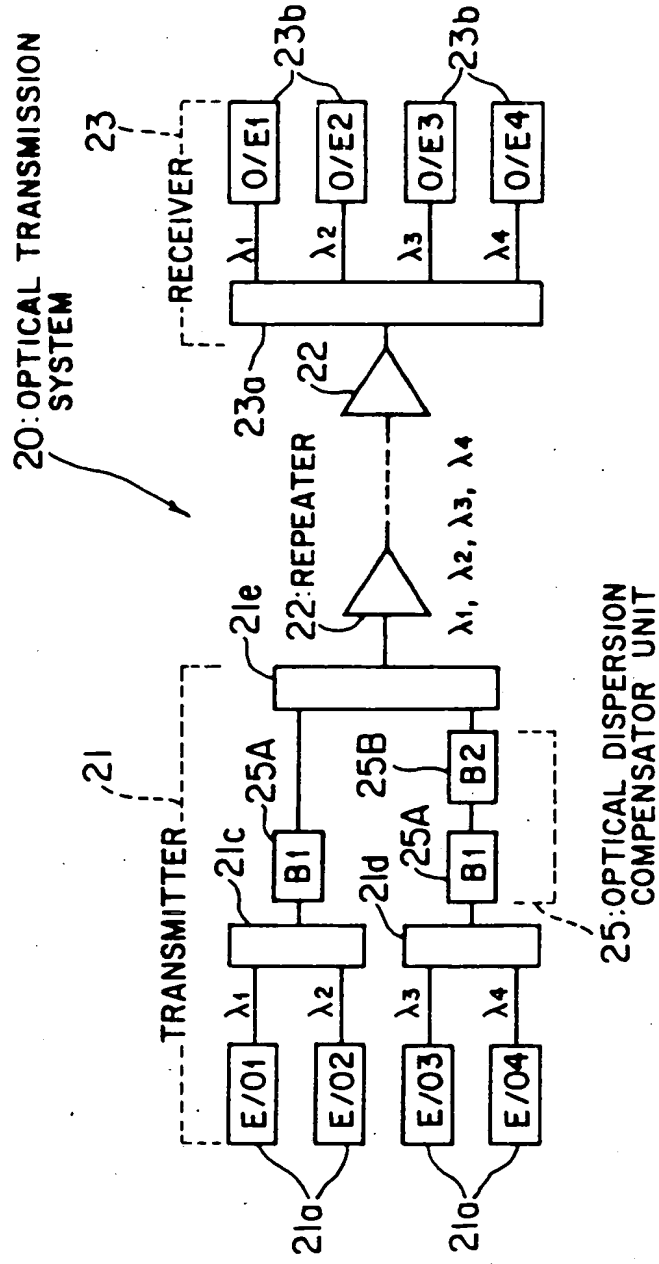


FIG. 32

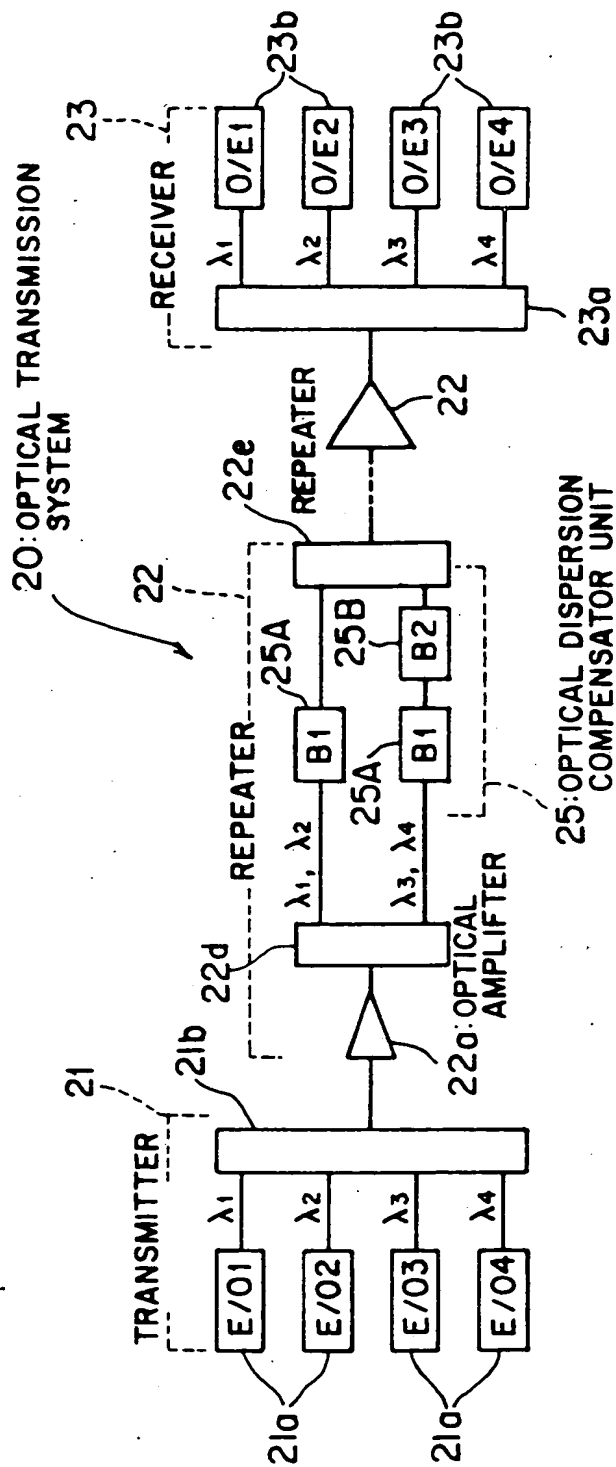


FIG. 33

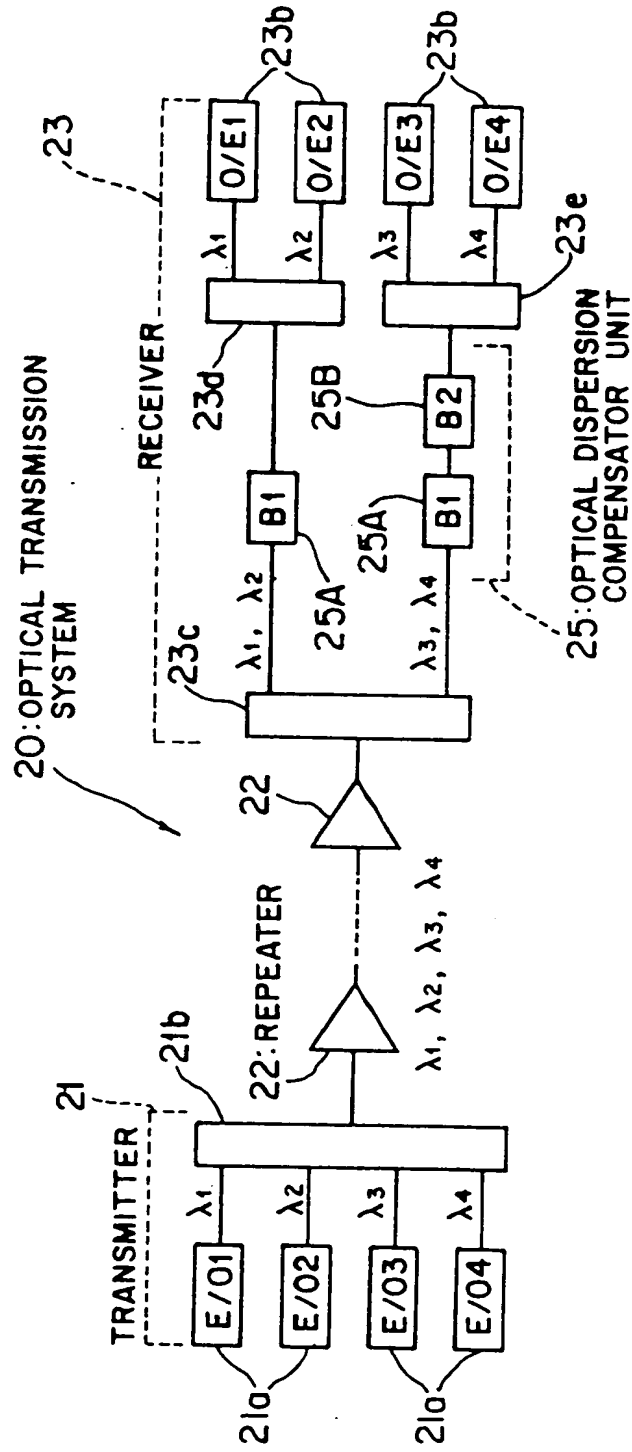


FIG. 34

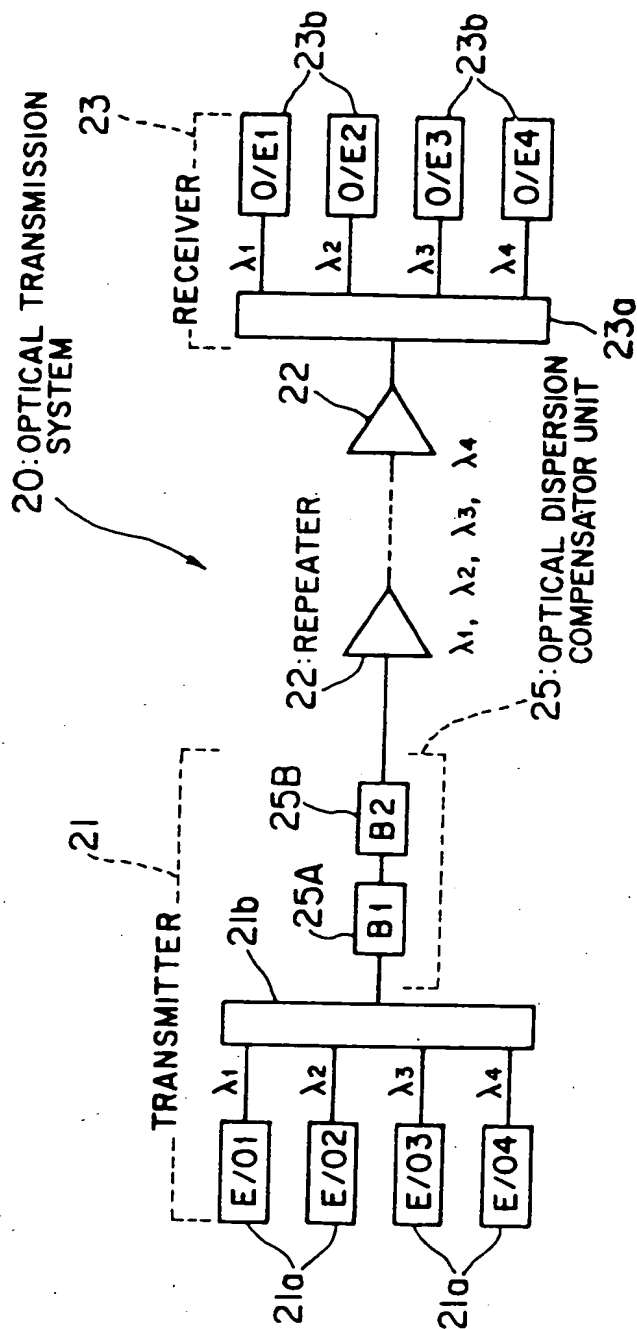


FIG. 35

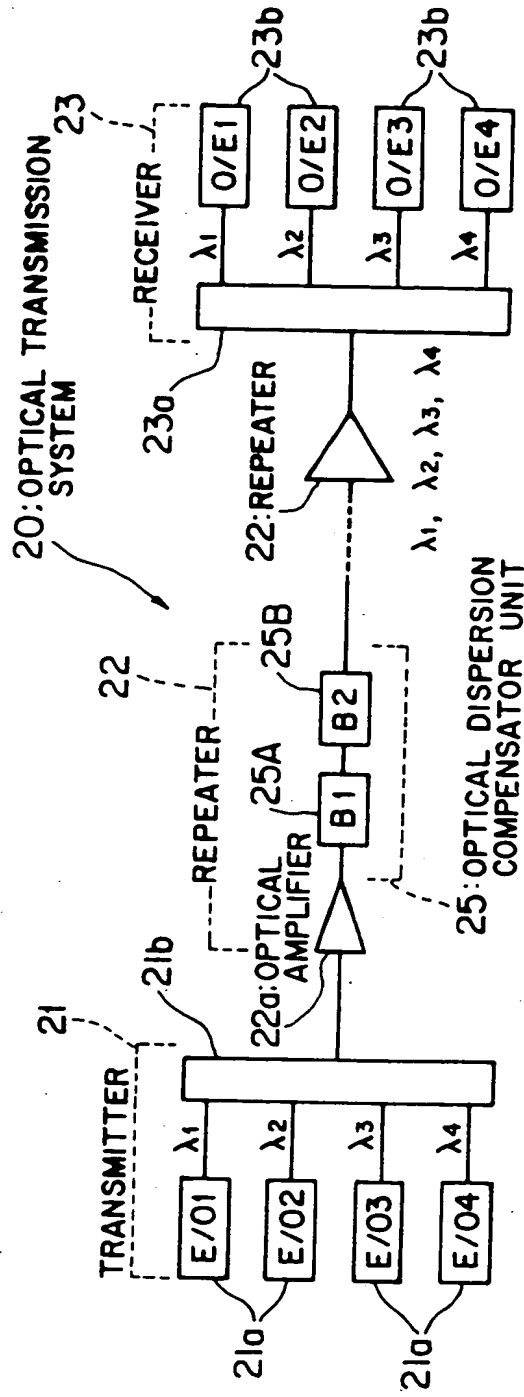


FIG. 36

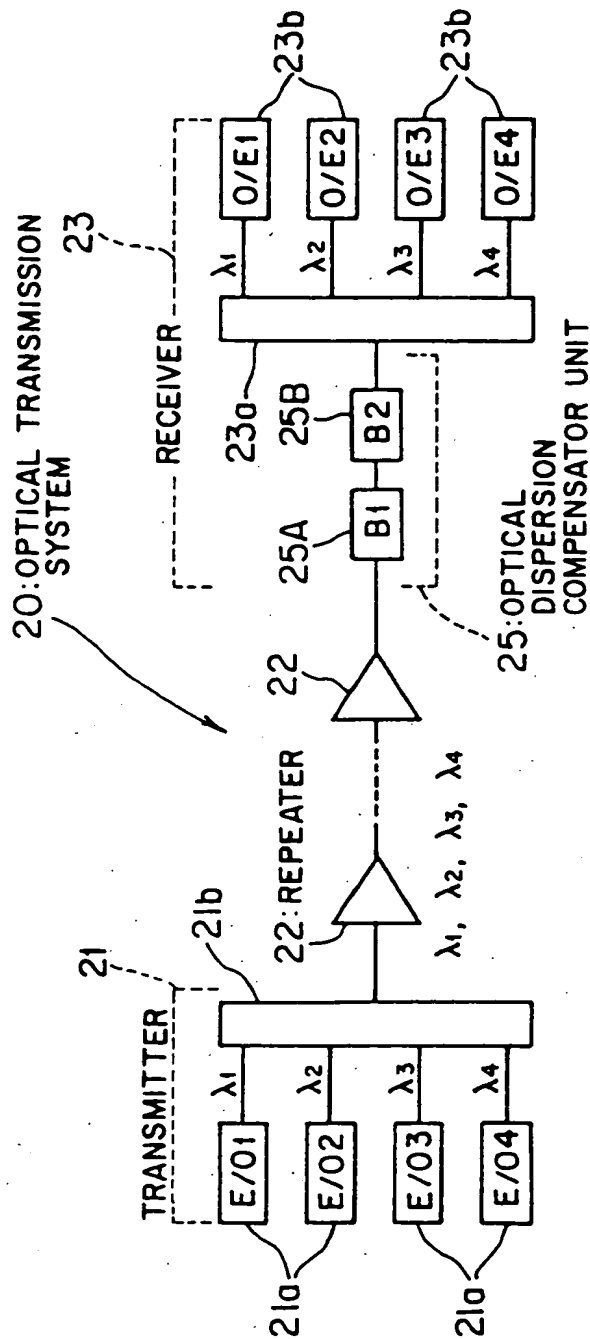


FIG. 37

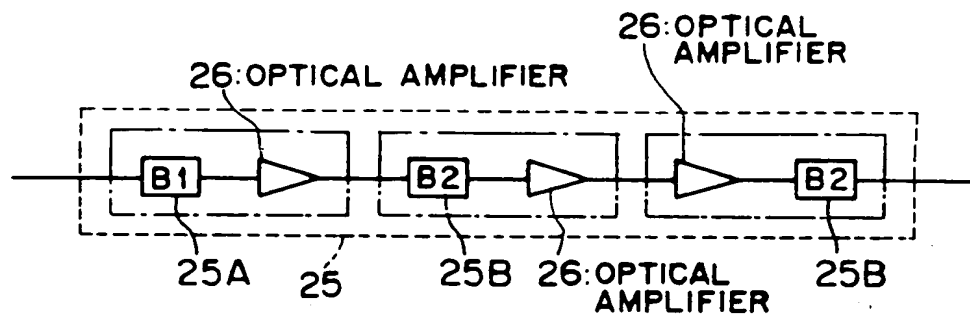


FIG. 38 (a)

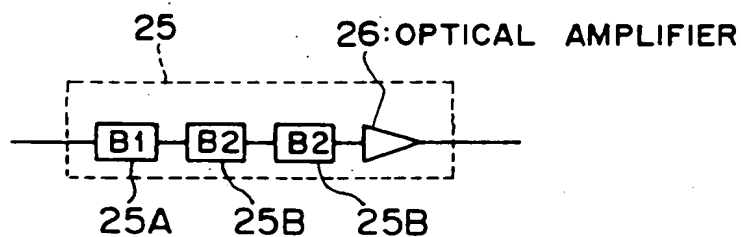


FIG. 38 (b)

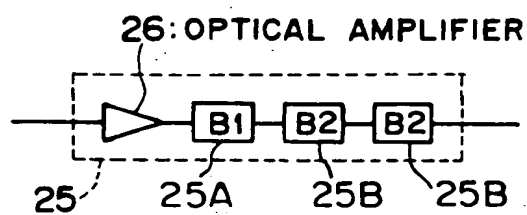


FIG. 39

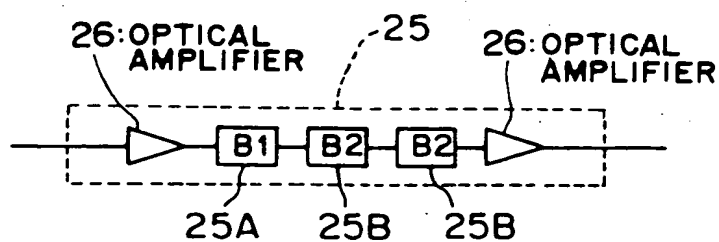




FIG. 40

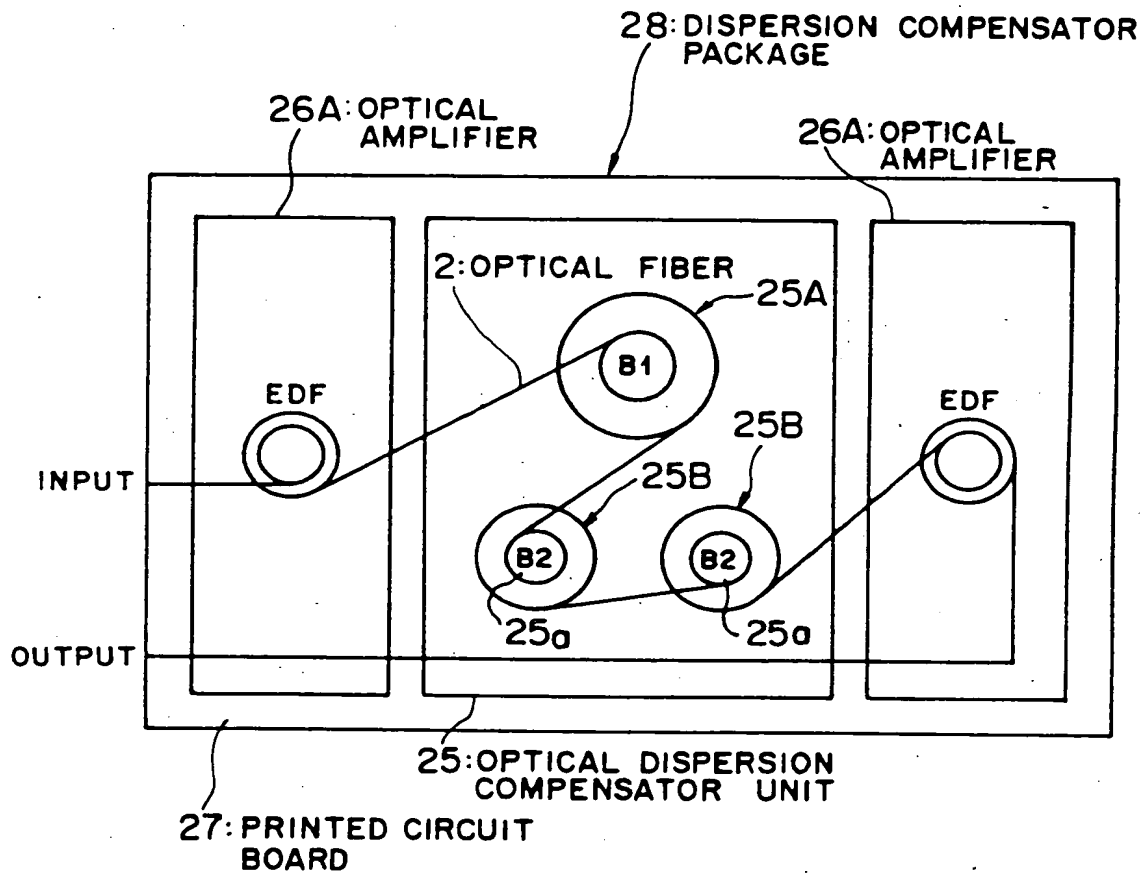
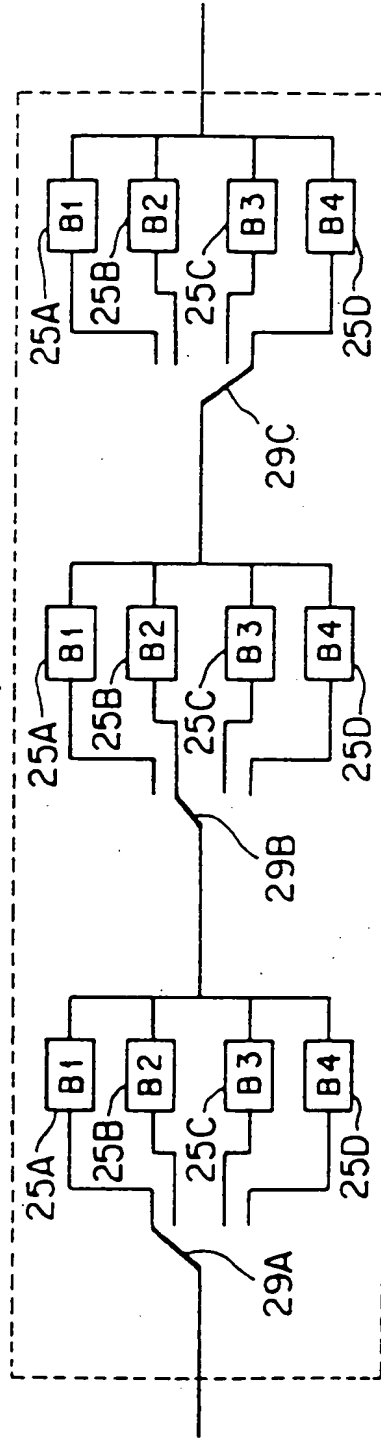
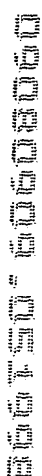


FIG. 41

32 OPTICAL DISPERSION  
COMPENSATOR UNIT



[illegible]

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